

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 16510 | 345/156-184.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/21 19:12 |
| S2    | 13141 | S1 and @ad<"20040227"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/23 19:07 |
| S3    | 0     | S2 and (flexible adj1 track) with slid\$4 with carriage | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/08 16:15 |
| S4    | 0     | S2 and (flexible adj1 track) with slid\$4               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/08 16:15 |
| S5    | 2     | S2 and flexible with track with slid\$4                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/08 16:17 |
| S6    | 1     | S2 and track with slid\$4 with encod\$4                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/08 16:19 |
| S7    | 13    | S2 and track with slid\$4 with edge                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/08 16:55 |
| S8    | 2     | ("5825353").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/08 16:56 |
| S9    | 2     | ("6094190").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/08 16:56 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S10 | 8   | ("4823634"   "4939508"  <br>"5162780"   "5287089"  <br>"5379053"   "5620371"  <br>"5691747"   "5717610").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/08 16:56 |
| S11 | 5   | ("6094190").URPN.  | USPAT   | OR | ON  | 2007/06/08 17:00 |
| S12 | 25  | ("3541541"   "3835464"  <br>"4395134"   "4757115"  <br>"4922516"   "4982388"  <br>"5088070"   "5179502"  <br>"5191320"   "5208736"  <br>"5237657"   "5257244"  <br>"5280276"   "5298919"  <br>"5341154"   "5428368"  <br>"5438331"   "5446481"  <br>"5477508"   "5479408"  <br>"5530455"   "5543588"  <br>"5563631"   "5579489").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/08 17:01 |
| S13 | 6   | ("4251769"   "4847785"  <br>"4868549"   "4908791"  <br>"4961138"   "5086296").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/08 17:07 |
| S14 | 4   | ("3701963"   "4459578"  <br>"4692756"   "4782327").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/08 17:09 |
| S15 | 4   | ("3701963"   "4459578"  <br>"4692756"   "4782327").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/08 17:09 |
| S16 | 28  | ("5086296").URPN.  | USPAT   | OR | ON  | 2007/06/08 17:10 |
| S17 | 406 | 345/184.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/08 17:22 |
| S18 | 339 | S17 and @ad<"20040227"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/08 17:23 |
| S19 | 1   | ("0609490").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/10 21:01 |
| S20 | 2   | ("6094190").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/10 21:02 |

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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S21 | 2     | ("5825353").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/10 21:03 |
| S22 | 2     | ("20030094354").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/10 21:03 |
| S23 | 1     | ((PATRYCJUSZ) near2 (KOSUN)).<br>INV.   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2007/06/21 17:21 |
| S24 | 0     | ("2005/0122307").URPN.  | USPAT   | OR | ON  | 2007/06/21 17:28 |
| S25 | 8499  | 345/156-184.ccls.   | USPAT   | OR | ON  | 2007/06/21 17:31 |
| S26 | 8005  | S25 and @ad<"20031205"  | USPAT   | OR | ON  | 2007/06/21 17:31 |
| S27 | 2     | ("6515650").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21 17:32 |
| S28 | 5     | ("5068498"   "5724068"  <br>"5831596"   "6259433"  <br>"6266046").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/21 17:33 |
| S29 | 15    | ("3731546"   "4488017"  <br>"4496217"   "4748323"  <br>"4977298"   "5043709"  <br>"5140313"   "5252821"  <br>"5278557"   "5473325"  <br>"5504502"   "5555004"  <br>"5675359"   "5706027"  <br>"5714980").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/21 17:34 |
| S30 | 18    | ("3331972"   "4680577"  <br>"4712101"   "4724715"  <br>"4823062"   "4823634"  <br>"4837489"   "4853630"  <br>"4868549"   "4896554"  <br>"4922444"   "4931781"  <br>"5012230"   "5021771"  <br>"5065146"   "5095302"  <br>"5160918").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/21 17:36 |
| S31 | 2     | ("4092532"   "4670743").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2007/06/21 17:38 |
| S32 | 16619 | 345/156-184.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/23 19:07 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S33 | 13162 | S32 and @ad<"20040227"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21 19:36 |
| S34 | 2     | S33 and input\$4 with mov\$4 with bearing with (ball adj1 bearings)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21 19:16 |
| S35 | 14    | S33 and input\$4 with mov\$4 with bearing   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:08 |
| S36 | 1     | ("2003/0071785").URPN.  | USPAT   | OR | ON | 2007/06/21 19:21 |
| S37 | 12    | ("4305007"   "4825157"   "5068498"   "5724068"   "5751274"   "5831596"   "5995104"   "6171191"   "6259433"   "6266046"   "6307486"   "6501458").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2007/06/21 19:22 |
| S38 | 18    | ("3666700"   "4488017"   "4533827"   "4763100"   "4801914"   "4856785"   "5117102"   "5229742"   "5252821"   "5286024"   "5398028"   "5432530"   "5436640"   "5510810"   "5555004"   "5558329"   "5559432"   "5589828").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2007/06/21 19:25 |
| S39 | 0     | S33 and steering with bearing with rack   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21 19:35 |
| S40 | 315   | 345/160.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21 19:36 |
| S41 | 291   | S40 and @ad<"20040227"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/21 19:36 |
| S42 | 5     | ("5432530"   "5504502"   "5714980"   "5772452"   "5906504").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2007/06/21 19:54 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S43 | 6     | ("5293158"   "5327162"   "5696537"   "5808603"   "6034670"   "6091401").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2007/06/21 20:02 |
| S44 | 1     | ("6667733").URPN.   | USPAT   | OR | ON | 2007/06/21 20:03 |
| S45 | 16619 | 345/156-184.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:07 |
| S46 | 13162 | S45 and @ad<"20040227"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:07 |
| S47 | 2     | S46 and input\$4 with mov\$4 with (ball adj1 bearing\$1)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:10 |
| S48 | 23    | S46 and mov\$4 with (ball adj1 bearing\$1)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:27 |
| S49 | 0     | S46 and mov\$4 with (ball adj1 bearing\$1) with optical                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:51 |
| S50 | 10    | S46 and (ball adj1 bearing\$1) with optical                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:30 |
| S51 | 3     | S46 and (ball adj1 bearing\$1) with photo\$7                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:30 |
| S52 | 658   | S46 and mov\$4 with optical   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:52 |
| S53 | 0     | S46 and mov\$4 with ((optical or photo) adj1 detect\$5) with perforation\$1 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:55 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S54 | 1   | S46 and mov\$4 with ((optical or photo) adj1 detect\$5) with marking\$1 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:56 |
| S55 | 68  | S46 and mov\$4 with ((optical or photo) adj1 detect\$5)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 20:13 |
| S56 | 341 | S46 and mov\$4 with camera  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 20:14 |
| S57 | 21  | S46 and mov\$4 with optical with camera                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 20:14 |